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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/728,416	12/08/2003	Gordon H. Curtiss	1321	9775

7590 08/05/2005

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EXAMINER

DAVIS, CASSANDRA HOPE

ART UNIT PAPER NUMBER

3611

DATE MAILED: 08/05/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/728,416

Applicant(s)

CURTISS ET AL.

Examiner

Cassandra Davis

Art Unit

3611

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-17 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 15-17 is/are allowed.
- 6) ☒ Claim(s) 1-3, 13 and 14 is/are rejected.
- 7) ☒ Claim(s) 4-12 is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. ____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date ____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: ____.

DETAILED ACTION

Drawings

1. The drawings are objected to as failing to comply with 37 CFR 1.84(p)(5) because they do not include the following reference sign(s) mentioned in the description: 27 (page 6, line 19) and 129 (page 13, line 15).
2. The drawings are objected to as failing to comply with 37 CFR 1.84(p)(5) because they include the following reference character(s) not mentioned in the description: 160 and 166 (Figure 10).
3. Corrected drawing sheets in compliance with 37 CFR 1.121(d), or amendment to the specification to add the reference character(s) in the description in compliance with 37 CFR 1.121(b) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Specification

4. The disclosure is objected to because of the following informalities: reference character 162 has been used to designate both the cylindrical cavity (page 12, line 13) and bearing cap (page 13, line 4).

Appropriate correction is required.

Claim Rejections - 35 USC § 103

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claims 1, 13, and 14 are rejected under 35 U.S.C. 103(a) as being unpatentable over Felber, U. S. patent 5,791,077 in view of Bailey, U. S. Patent 5,778,581.

7. Felber teaches an advertising support for a vehicle comprising stored program control unit (column 3, lines 45-46) is electrically connected to an air blower (fan 9) via controlled connecting circuit, and a visual display lifting apparatus 11 connected to the air blower (fan 9) for inflating the apparatus 11. Felber does not specifically teach a power source and a visual display removably attached to the lifting apparatus.

8. Bailey teaches an inflatable display apparatus comprising an end member 25, an inflatable bladder 27, and an air pump 83 for inflating the bladder 27, a power source 84, and a hose 81 extending from the pump 83. Bailey also teaches a display sheet 71 removably secured to the exterior surface of the bladder using hook and loop fasteners.

9. Although Felber does not specifically recite a power source, it is inherent that a power source is used and needed to operate the fan 9 and the control unit.

Nevertheless, it would have been obvious to one having ordinary skills in the art at the time this invention was made to construct the advertising support taught by Felber with the power source taught by Bailey to provide a means energize and/or operate the

Art Unit: 3611

electrical component such as the fan and control unit. In addition, it would have been obvious to one having ordinary skill in the art to construct the advertising support taught by Felber with a removable display sheet to provide a means to change the display.

10. With respect to claim 31 the examiner takes official notice that air pumps with handles is old and well known in the art and it would have been obvious to one having ordinary skill in the art at the time this invention was made to construct the pump taught by Bailey with a handle to provide means to hold and/or carry the pump.

11. Claim 2 is rejected under 35 U.S.C. 103(a) as being unpatentable over Felber in view of Bailey as applied to claim 1 above, and further in view of Lemelson, U. S. Patent 4,179,832. Lemelson teaches an inflatable display comprising an enclosure 11, switch 26, and a batter power source. Column 3, lines 59.

Allowable Subject Matter

12. Claims 4-12 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

13. Claims 15-17 are allowed.


Conclusion

14. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. The following Patents are cited to show inflatable devices: Vicino – 4,369,591; Glass – 6,148,551; Okumura – JP 2000/132130; Braunbock – WO 00/31716.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Cassandra Davis whose telephone number is 703-308-2223. The examiner can normally be reached on Monday-Friday 8:00-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lesley Morris can be reached on 703-308-0629. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


Cassandra Davis
Primary Examiner
Art Unit 3611

CD
March 17, 2005